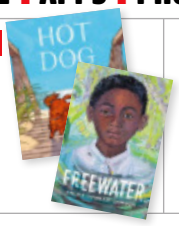
MULTI AWARD WINNING!

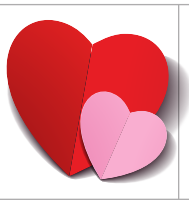
SCIENCE + ANIMALS + PUZZLES + PEOPLE + APPS + PHOTOS + BOOKS + SPORTS + A MASSIVE METEORITE

THE WORLD'S BEST NEWS & FACTS FOR YOUNG PEOPLE

NATIONAL NEWS
Awards for kids' books announced
p4



HOW TO
Create our heartfelt valentines
p24



SPORTS
Big winners in figure skating
p18

February 10, 2023 • Vol. 4, Issue 146 • $5.99

Making sense of the world

THE WEEK

THE BEST MAGAZINE FOR CURIOUS KIDS

THRIVING!

Forest birds stay strong after wildfires in North Carolina p10

DID YOU KNOW?
The Hebrew word Shoah (pronounced "show-uh") is also used to refer to the Holocaust.

World leaders gather in Germany.

An important visit

Doug Emhoff

Second Gentleman Doug Emhoff visited historic sites in Poland to commemorate Holocaust Remembrance Day. Emhoff, who is married to Vice President Kamala Harris, is the first Jewish spouse of a US President or Vice President. His trip is aimed at increasing knowledge of the Holocaust and combating antisemitism.

Holocaust Remembrance Day is marked

On January 27, the world observed Holocaust Remembrance Day. People attended ceremonies, laid flowers on monuments, and listened to speeches and recollections delivered by survivors and world leaders.

What is the Holocaust?

The Holocaust was the mass killing of 6 million Jewish men, women, and children, as well as millions of others, by the German Nazi party, led by Adolf Hitler. It is one of the most terrible events in human history. Starting in the late 1930s and throughout World War II (1939–1945), the Nazis stormed across Europe, taking over countries and forcing Jewish people to live in ghettos (neighborhoods surrounded by walls, barbed wire, or fences). Jews were also sent to concentration camps (prisons where people lived in very bad conditions), where millions were killed. The Holocaust ended with the defeat of the German military by the Allied powers from the US, UK, and Soviet Union (now Russia).

People lit candles at a memorial event in the UK.

What is Holocaust Remembrance Day?

In 2005, the United Nations (a group of 193 countries that work together on issues such as human rights, peace, and climate change) established the day to remember the Holocaust and honor its victims. Holocaust Remembrance Day is held on the anniversary of the liberation of the Auschwitz-Birkenau concentration camp, where about 1.1 million people were killed, most of them Jewish. The site is now a museum that educates people about the Holocaust.

How was the day observed this year?

Each year, Holocaust Remembrance Day has a theme. This year it was "Home and Belonging," which highlighted how people were taken from their homes and communities and deprived of a sense of safety and community. The theme also intended to serve as a reminder of the cruelty of the Holocaust and the dangers of hate speech and prejudice. US Second Gentleman Doug Emhoff, husband of Vice President Kamala Harris, laid a wreath at Auschwitz-Birkenau (see box above). In Germany, flags at government buildings were lowered to mark the day. At a cathedral in the UK, 600 candles were laid out in the shape of the Star of David, a symbol of Jewish identity. Ukrainian President Volodymyr Zelensky, who is Jewish, attended a ceremony at Ukraine's Babyn Yar National Historical and Memorial Reserve, the site of one of the worst events of World War II.

How did Holocaust survivors participate?

There are fewer than 100,000 living Holocaust survivors. Many took part in remembrance day events, speaking at schools, museums, and other sites. In the UK, Holocaust survivor Martin Stern stood with King Charles III to light candles at Buckingham Palace. At the US Holocaust Memorial Museum in Washington, DC, survivors shared their stories, and names of victims were read aloud for more than six hours throughout the day. Survivor Mark Schonwetter visited the Museum of Jewish Heritage in New York City. He travels the country sharing his story with students to ensure that younger generations learn about what happened.

Why is it important to remember the Holocaust?

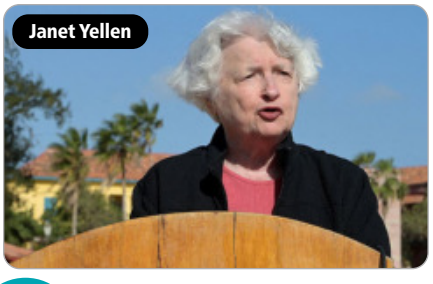
Remembering the Holocaust honors those who died and those who survived. It also helps ensure that history does not repeat itself. That is especially important this year amid reports that incidents of antisemitism (hostility or prejudice against Jewish people) are on the rise. "We will remain vigilant, strong, and never allow the Holocaust to happen again," said Benjamin Netanyahu, prime minister of Israel. UN Secretary General António Guterres said that although the millions of victims of the Holocaust are lost forever, "their memory and their names shall never be forgotten."

US official calls for action in Africa

On January 24, US Treasury Secretary Janet Yellen called for urgent action to provide access to nutritious food in Africa and worldwide. Yellen, who serves as the top economic adviser to President Joe Biden, made the comments in Zambia, where more than 1.35 million people face food insecurity (do not have regular access to healthy food).

According to a recent study, 1 in 5 Africans go to bed hungry, and 140 million people across the continent face food insecurity. Access to food has become more challenging due to drought (a long period without rain), rising unemployment because of the Covid-19 pandemic, and Russia's war in Ukraine, which has affected the food supply.

Yellen is on a three-country tour of Africa to help strengthen the relationship between the US and African nations. In December, the US and the African Union (a group of 55 member nations across Africa) signed a $2 billion agreement for emergency aid to fight hunger in Africa.


Janet Yellen

A rhino in India

FAST FACT
There are five species of rhinos: two in Africa and three in Asia.

Rhinos protected in India

In a major success, conservationists in India were able to protect one-horned rhinoceroses from poaching (illegal hunting) in 2022. The International Fund for Animal Welfare (IFAW) and the Wildlife Trust of India (WTI) worked with a task force of local police and forest department officials in the Indian state of Assam to prevent any of the endangered animals from being killed. They accomplished this for the first time in 45 years.

One-horned rhinos are located only in northern India and southern Nepal. The largest population is in Assam, where about 2,900 of them live. The rhinos are killed for their horns, which are considered symbols of success and wealth or used as a medicine. Poachers killed about 191 rhinos between 2000 and 2021. The animals are also threatened by deforestation, flooding, and human development on or near their habitat.

The task force increased patrols, especially during full Moons, when poachers often operate. IFAW and WTI trained park rangers, increased enforcement, and encouraged residents of communities along park borders to monitor the roads going in and out for poachers. The groups also helped restore key rhino habitats, including Kaziranga and Manas National Parks.

"This incredible achievement sets an example globally on how we can change the narrative and improve the future for a species," Dr. Rathin Barman, a WTI official, said in a statement. The organizations said they would continue to work to protect rhinos.

IT'S AN AMAZING WEEK FOR...

A RECORD NOMINATION

Legendary film composer John Williams received his 53rd Academy Award nomination, setting a record as the living person with the most nominations. Williams, age 90, has won five times before. "I'm enormously grateful," he said.

John Williams

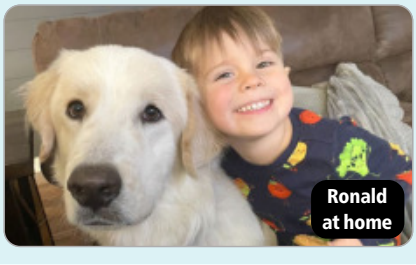
The meteorite

A HUGE DISCOVERY

A team of scientists in Antarctica found five meteorites—including one of the largest ever discovered. The supersize space rock weighed in at 16.7 pounds. About 45,000 meteorites have been found in the frozen, remote land, but only about 100 of them have weighed this much or more.

A PERFECT MATCH

A 63-pound puppy named Ronald is settled in his furr-ever home. After 14 adoptions fell through, the North Carolina shelter where he lived posted on social media about the "100% sweet" boy and his "unlucky streak." Thousands of people saw the message. "He's perfect," said the family that took Ronald home.


Ronald at home

ON THE COVER: GETTY IMAGES (6); NICKELODEON; COURTESY THE PUBLISHERS; ON THIS PAGE: GETTY IMAGES (3); MARIA VALDES; WAKE COUNTY FACEBOOK; ON LEFT PAGE: GETTY IMAGES (2); AP

WOW! Christina Soontornvat, author of The Last Mapmaker, had two books recognized with a Newbery Honor in 2021.

Freewater, **the Newbery Medal winner and the Coretta Scott King Author Award winner, with the Newbery Honor books**

The Caldecott winner

The Caldecott Medal, created in 1937, goes to the year's best American picture book for children. This year the medal went to Hot Dog, **illustrated and written by Doug Salati. The story features an overwhelmed puppy who finds his calm at the beach. Salati said he thinks it's a good thing to hold onto a feeling of calmness, and that's what he was trying to show through the dog.**

Children's book winners announced

The 2023 awards for the best books and digital media for children and young adults were announced on January 30. The American Library Association (ALA), the world's oldest and largest library association, named the winners.

What happened?

Freewater, by Amina Luqman-Dawson, won the Newbery Medal and the Coretta Scott King Author Award. It is a historical novel about two enslaved children who escape from a plantation and reach a community called Freewater, which was created by formerly enslaved people. It is Luqman-Dawson's first novel. "Hooray! Excellent choice," author Erin Entrada Kelly, the 2018 Newbery winner, posted on social media when *Freewater* was named the Newbery winner.

Why are these awards significant?

The Newbery Medal is given to the best children's book each year. It was first awarded in 1922 and was the world's first children's book award, named for 18th-century British bookseller John Newbery. The Coretta Scott King Author Award was first given in 1970 to honor the life and work of the Rev. Dr. Martin Luther King Jr. and his wife, Coretta Scott King. It honors a Black author of a book for children and young adults.

What other recognition was given?

Each award has runners-up, called honor books. The three Newbery Honor books this year were *Iveliz Explains It All* by Andrea Beatriz Arango; *The Last Mapmaker* by Christina Soontornvat; and *Maizy Chen's Last Chance* by Lisa Yee. *Maizy Chen's Last Chance* was also named the Asian/Pacific American Award winner in the children's literature category. The three Coretta Scott King Author Honor books were *Star Child: A Biographical Constellation of Octavia Estelle Butler* by Ibi Zoboi; *The Talk* by Alicia D. Williams and illustrated by Briana Mukodiri Uchendu; and *Victory. Stand!: Raising My Fist for Justice* by Tommie Smith, Derrick Barnes, and Dawud Anyabwile.

What will happen next?

The winning books and honor books will be reprinted with a special seal that represents their award on the cover. Being named a winning book or honor book can more than double sales, so book publishers may print additional copies for people to purchase and read.

WORD OF THE WEEK

SECURITY

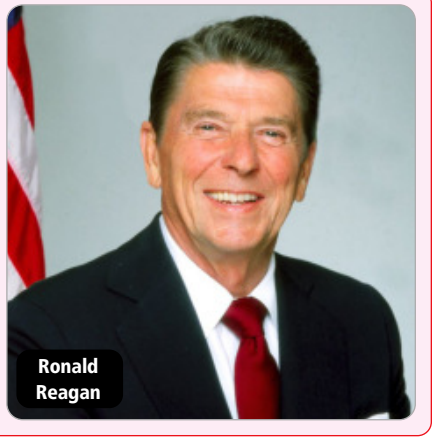
At the heart of the word "security" are the Latin words se, **meaning "without," and** cura, **meaning "care." When we are secure we feel no fear and are "carefree." We can find** cura **in other English words too. When something is "accurate" it is correct because it has been done "with care."**

THE WEEK IN HISTORY

February 6, 1998

Airport named for Ronald Reagan

On February 6, 1998, Washington National Airport was renamed Ronald Reagan Washington National Airport in honor of Ronald Reagan (1911–2004), the 40th US President. Reagan, a Republican, was President from 1981 to 1989. Previously, he was the governor of California and an actor. President Bill Clinton, a Democrat, signed the bill into law to change the airport's name.



Ronald Reagan

Crystalyne Curley

Navajo Nation's historic election

Crystalyne Curley was elected the first female Speaker of the Navajo Nation, the largest Native American tribal government in North America. In her two-year term, she will lead the 25th Navajo Nation Council, the legislative branch of the government. Curley, who attended her first council meeting in third grade, said she looks forward to working with her colleagues "to make progress for our people and communities across the Nation."

A Kings player makes a shot.

NBA scores are getting higher

New statistics reveal that 28 out of the 30 teams in the National Basketball Association (NBA) are scoring an average of 110 or more points per game, an increase over prior years. Experts attribute this to players' ability to make three-point shots (taken from a greater distance away from the basket). The Sacramento Kings lead the NBA, averaging 120 points per game.

A dish at Broken Mouth

Hawaiian restaurant recognized

Broken Mouth, a Hawaiian-Korean restaurant in Los Angeles, California, has been named the top place to eat in the US, according to Yelp, the digital platform that publishes people's reviews of businesses. Famous for dishes like spam musubi, Broken Mouth gets its name from the Hawaiian saying "broke da mouth," which refers to food so good you barely have time to chew.

The new station is below ground.

DID YOU KNOW?
The first major passenger railroad station in the US opened in 1830 in Baltimore, Maryland.

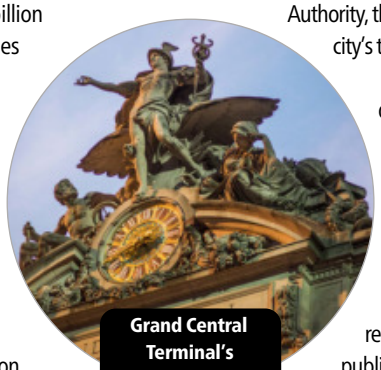
Largest rail station in 70 years opens

On January 25, the first passengers boarded a train headed to Grand Central Madison, a new train station located in Manhattan, a borough of New York City. The station was carved out of bedrock below the city's streets and is the largest railway station to open in the US in nearly 70 years.

Grand Central Madison is an annex (addition) to Grand Central Terminal. It took about 15 years to build and cost nearly $12 billion to complete. Situated 15 stories underground, the station is about 700,000 square feet, which is about the size of 12 football fields.

Train stations in the US have a history of improving people's lives by connecting them to transportation they can use to get to jobs, schools, and businesses. The new station is expected to serve about 160,000 passengers each day.

The station's tracks connect Grand Central Terminal with the Long Island Rail Road (LIRR), which is North America's busiest commuter railway. In addition to operating in Manhattan, the LIRR travels through Queens and Brooklyn (two other boroughs of New York City) and Long Island (a region of New York). The new connection will double the number of people who can take the LIRR among these locations. The direct route will also reduce the travel time by 40 minutes for some riders, said the Metropolitan Transportation Authority, the agency that operates the city's train and subway systems.

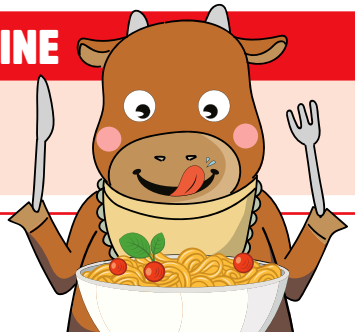

Grand Central Terminal's decorative exterior

The new terminal is decorated with colorful mosaics (art made from small pieces of glass or stone) and also features an exhibition installed by the International Center of Photography. Stores and restaurants will open to the public in the coming months.

For people like John Cannon, who lives on Long Island and has had a long commute into New York City, the station is a dream come true. "I've been waiting for 30 years," Cannon told the Associated Press.

THE WEEK'S SILLIEST HEADLINE

"Loose cow visits Olive Garden restaurant in Oklahoma" *UPI*

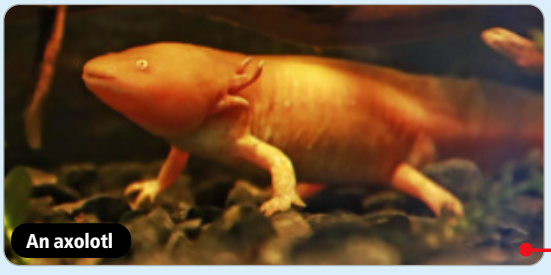


GETTY IMAGES (3); SPEAKER HURLEY; EATBROKENMOUTH.COM; ON LEFT PAGE: COURTESY THE PUBLISHERS; GETTY IMAGES (2)

Around the world

Paris, France
Giant sculpture of artist appears

A large, inflatable sculpture of the Japanese artist Yayoi Kusama appeared above a designer clothing shop in Paris during that city's Fashion Week. Kusama is known as the "Princess of Polka Dots" because her artwork features colorful dots. The sculpture depicts Kusama adding polka dots to the facade of a Louis Vuitton store. The fashion brand is working with Kusama, age 93, on a clothing collection.



Mexico City, Mexico
Museum spotlights salamander

The axolotl salamander, a critically endangered amphibian native to Mexico, has a new museum and conservation center dedicated to it at Mexico City's Chapultepec Zoo. The salamander can regrow body parts when hurt. However, its capacity to absorb oxygen through its skin has put the axolotl in danger, since it lives in polluted waters. The center aims to raise awareness of the animal and conservation efforts to protect it.

Peru
Machu Picchu closes

As a safety measure in response to anti-government protests in Peru, the government has closed the famous ancient ruins of Machu Picchu to visitors. Since December, protesters have demanded that the new president, Dina Boluarte, step down. Boluarte replaced president Pedro Castillo, who is imprisoned. In 2021, about 448,000 people visited Machu Picchu.

Prague, Czech Republic
New president elected

Petr Pavel was elected president of the Czech Republic after winning more than 58% of the votes. Pavel, a former NATO general, defeated Andrej Babiš, who has been in power since 2017. Pavel supports the country's membership in NATO (30 countries that promise to defend one another) and the EU (27 countries that work and trade together).

Nigeria
Celebrating Yoruba culture and traditions

Photographer and visual artist Àsìkò uses his work to celebrate the stories and traditions of Yoruba communities in West Africa. His two most recent projects, Guardians and Of Myth and Legend, explore Yoruba gods and goddesses. Àsìkò, who grew up in Nigeria and now lives in the UK, told CNN, "The work is about exploration and understanding the things I was not taught in school."

ALAMY; JACKSON WORTHINGTON; ÀSÌKÒ; SHUTTERSTOCK; GETTY IMAGES (6)

Around the world

Mohe

Mohe, China
Severe cold sets in

As severe cold weather has spread across East Asia, temperatures in parts of China have dropped to their lowest on record. Temperatures in the northern city of Mohe reached -64° F. Countries including Japan, South Korea, and Afghanistan have also experienced heavy snow. Experts say extreme weather is becoming more frequent.

Protests over food prices

Manila, Philippines
Rising cost of onions leads to smuggling

The soaring cost of onions in the Philippines has led to a rise in smuggling of the vegetable. Experts said that tropical storms severely damaged onion crops, creating a shortage. Along with onions, the country has also faced limited supplies of sugar and eggs, causing food prices to rise. Some critics said natural disasters are not uncommon in the Philippines, however, and that the government should have planned to import supplies.

Antony Blinken meets a Palestinian-Israeli group.

Jerusalem, Israel
Urging calm in Middle East

US Secretary of State Antony Blinken met with Israeli and Palestinian leaders on January 30–31 to call for peace. There is a long history of conflict in the region, and violence in Israeli neighborhoods and the West Bank has escalated in recent weeks. At least 22 people have died. Blinken visited the cities of Jerusalem and Ramallah and called on Israeli and Palestinian leaders to take "urgent steps to restore calm."

Flooding in Auckland

Auckland, New Zealand
Record rain causes flooding

Auckland, the biggest city in New Zealand, has experienced its heaviest rain on record. About 350 people have been evacuated from their homes following flooding. When The Week Junior went to press, four people had died. The flooding is the first big challenge for new prime minister Chris Hipkins, who replaced Jacinda Ardern on January 25.

Perth, Australia
Surfing program helps kids' well-being

A program run by the Perth Children's Hospital is giving young people with long-term health conditions the chance to surf. Time spent in the ocean has been proven to help mental and physical health. The idea for the program came from clinical psychologist Joanna White, who realized the health benefits of surfing when she started learning to ride waves herself.

Ruby, age 9, takes part in the surf program.

Should screen time be restricted?

Do people need help putting their devices down, or can they decide on their own?

What you need to know

- **In 2019, American kids ages 8 to 12 spent an average of 4 hours and 44 minutes on screens every day.**
- **By 2021, that average had increased to 5 hours and 33 minutes per day, likely due to the Covid-19 pandemic.**
- **Studies show that too much screen time can have a negative effect on physical and mental health.**
- **A "digital detox" is when a person stops using electronic devices, such as computers, gaming consoles, phones, tablets, and TVs, for a set time.**

DID YOU KNOW?
In 2021, 71% of 12-year-olds in the US owned a phone, which was an increase from 41% in 2015.

A siren sounds at 7 pm every night in Mohityache Vadgaon village, in India, informing its 3,000 residents that it's time to turn off their digital devices. At 8:30 pm, a second siren lets them know screen-free time is over. Village leaders put this digital detox system in place so young people could focus on their homework and not be distracted by funny videos or text messages, and families and friends could spend time talking face-to-face. However, some say that people shouldn't have to be told when to put down their devices—they should be able to decide for themselves. What do you think? Should screen time be restricted?

Yes—people need help unplugging

Smartphones, computers, tablets, and gaming consoles are great, but they're also designed by tech companies to be super appealing. People have a hard time putting them down, so limiting access can help them become more disciplined. Even though people often use their devices to communicate with friends and family or play online games with others, it's not the same as interacting with people in the real world. Screen time is also bad for our health. When we're on screens, we're not getting outdoors into nature or being physically active. And the light from electronic devices can lead to sleep problems.

No—people can manage it on their own

It's not about how long people spend on screens, it's what they use the time for. Digital devices are a portal to a world of knowledge. People can find answers to just about any question or access great works of art, literature, and music. Why restrict that? Many people also use smartphones and computers to connect with friends and family across the street or around the world. That helps prevent loneliness and isolation. Besides, most people naturally take screen breaks, such as when they eat or exercise. They're capable of judging for themselves how much screen time is too much.

YES Three reasons why screen time should be restricted

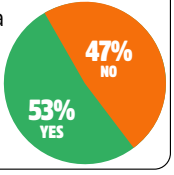
1. **Screens are hard to put down, and some people need help learning self-discipline.**
2. **Even if people are chatting or playing games with others online, it's not the same as interacting in person.**
3. **When people are on screens, they're not getting outside or being physically active and their sleep can be disrupted.**

NO Three reasons why screen time should not be restricted

1. **Screens give people access to knowledge and art from around the world. That should not be limited by others.**
2. **People use devices to connect with others, which helps them avoid loneliness.**
3. **Most people know when to take breaks and can decide for themselves how much time to spend on screens.**

LAST WEEK'S POLL

Last week, we asked if we should stop eating Maine lobsters. Your answers were nearly a tie: 53% of you said yes, and 47% of you said no.



What do you think?

Now that you've read a bit more about this issue, visit kids.theweekjunior.com/polls so you can vote in our debate. Vote YES if you think screen time should be restricted, or NO if you don't. We'll publish the results next week.

The goal of the big debate is to present two sides of an issue fairly in order to stimulate discussion and allow our readers to make up their minds. The views on this page do not reflect those of *The Week Junior*, and the page is not funded by third parties.

GETTY IMAGES

Star behind the voice

Actress Kyla Pratt continues to lead her popular animated series.

Since Disney's hit animated series *The Proud Family* first aired in 2001, actress Kyla Pratt has voiced its main character, a spirited14-year-old girl named Penny Proud. The show ended in 2005, but Pratt is back as Penny in a continuation of the series, *The Proud Family: Louder and Prouder*. Season two recently became available for streaming on Disney+.

The Proud Family: Louder and Prouder

The Proud Family: Louder and Prouder follows Penny, now age 16, as she navigates life at home and school in the suburbs of California. *The Proud Family* was groundbreaking when it premiered in the 2000s, as it was one of the first animated shows on TV to center on a Black family, particularly with a Black girl as the lead.

Like Penny, Pratt, age 36, grew up in California. She was young when she began acting, with guest roles on shows like *One on One*, *ER*, and *Family Matters*. Her biggest role came in 1998, when she starred alongside comedy icon Eddie Murphy in the hit comedy *Dr. Dolittle* and its four sequels. Pratt is also currently on the Fox sitcom *Call Me Kat*, which is in its third season.

Pratt told *The Week Junior* that *The Proud Family* means so much to her. She said, "It is a show that I started filming when I was 14 years old, and it helped shaped me into the person I am today."

Speaking with the style website *Who What Wear*, Pratt said she likes that the series does not shy away from subjects like representation. It is a topic she advocates for in real life as well. "My favorite thing about representation is allowing people to see that they're not alone," she said.

Kyla Pratt

AWARD ALERT

The Proud Family: Louder and Prouder was nominated for Outstanding Animated Series at the first-ever Children's & Family Emmy Awards in 2022.

Coach is promoted

Ronnie Gajownik has been named manager of the Hillsboro Hops, a minor league baseball team of the Arizona Diamondbacks, a Major League Baseball team. This makes her the first female manager in the organization's history and the first to manage a team at the High-A level, the minor league's third highest level. Previously, she was a coach for the Diamondbacks. She told MLB.com she hopes all the young girls watching see that "if you're qualified, you can go ahead and do whatever it is you're passionate about."

Ronnie Gajownik

Gabriel LaBelle

Award to young actor

At the 2023 Critics Choice Awards, 20-year old Canadian actor Gabriel LaBelle won the award for Best Young Actor or Actress for his performance in *The Fabelmans*, a film by Steven Spielberg based on the legendary filmmaker's life. In it, LaBelle plays Sammy Fabelman, a fictional version of a young Spielberg, who discovers his love of making movies. A Critics Choice Award is a top honor, voted on by professional critics and entertainment journalists. LaBelle started acting classes at age 8. In a recent interview with the *Vancouver Sun,* he said he told his dad, "I want to do this all the time."

OVERHEARD

"You get somewhere new by breaking misconceptions."

Edward Enninful, editor-in-chief of *British Vogue*, on how he is changing the fashion industry and its impact on pop culture

GETTY IMAGES (4); DISNEY+

WOODLAND WONDER
About 140 species of trees can be found in the Appalachian Mountains, which stretch from Alabama to Canada.

Birds returned after fires changed the landscape.

Learning to avoid fire

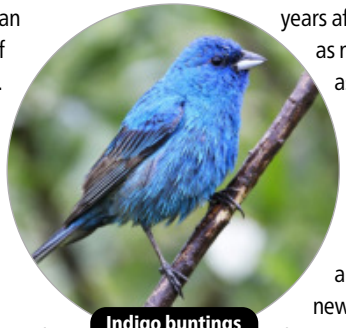
A recent study on lizards shows that they may learn to recognize the signs of wildfires. Western fence lizards living in areas that had recently been burned acted more alert when they heard fire, looking around for the source of the sound. Algerian sand racer lizards learned to hide if they smelled smoke.

A western fence lizard

Forest birds make big comeback

After massive wildfires, a North American forest has made a strong recovery. In 2016, fires destroyed more than 140,000 acres of land in the southern Appalachian Mountains. Since then, much of the forest has begun to regrow. And now, to researchers' surprise, birds are thriving in the burned places.

A new study looked at three burned areas and three unburned areas of the Nantahala National Forest in North Carolina. Researchers counted the number and types of birds in each area during spring and early summer, when the birds typically breed. They tracked the numbers over time and saw that bird populations were growing especially quickly in the parts of the forest that were recovering from wildfires. Five years after the fires, there were twice as many birds in the burned areas as in the unburned ones.



Indigo buntings are thriving.

The researchers believe that the fires helped the birds by creating space for a different type of habitat. In the most severely burned areas, many trees had died and new plants had grown to replace them. Instead of a tall tree canopy, these patches of forest were now covered with low, thick shrubs. Several bird species, including the indigo bunting, the eastern towhee, and the chestnut-sided warbler, prefer shrubs. These birds were found almost exclusively in the severely burned areas. Other bird species spent time in these recovering areas too, bringing their young to forage for fruits and insects under the protection of the shrubs.

Only one species of bird, the ovenbird, was found less often in severely burned areas than in less affected areas. "I think a lot of the forest birds are not as particular" about their habitat as was previously thought, said Cathryn Greenberg, the US Forest Service researcher who led the study. Greenberg explained that with plant cover to provide shelter and some trees standing nearby, many birds are able to live happily. Forest managers can use studies like this to help them manage forests in ways that benefit birds.

PLACE OF THE WEEK

Kobuk Valley National Park, Alaska

In northwestern Alaska, above the Arctic Circle, this national park is part of two magnificent animal migrations. Every spring and fall, about 250,000 caribou cross the Kobuk River while traveling between their summer and winter homes. In spring, the arctic tern makes the longest migration of any bird in the world, flying all the way from Antarctica. The park is home to the Great Kobuk Sand Dunes, the largest active sand dunes in the Arctic. The dunes, which can be up to 100 feet high, shelter the Kobuk locoweed, a plant found nowhere else on Earth.

Caribou migrate through the park.

WOW! Although they usually have five arms, sea stars can have up to 50, each one covered in suckers to help them move along the ocean floor.

Sea stars may not look ferocious, but they dominate the deep sea.

Sea stars revealed to be top predator

Watch out, polar bears. According to a new study, sea stars are emerging as one of the top predators in the Arctic.

Researchers studied 1,580 different animals in Arctic waters off the coast of Canada. They examined the area's food webs, which are all the different food chains that interact in an ecosystem (group of plants and animals in a particular place that affect one another). They found that polar bears are at the top of the food chain in open water, while sea stars lead the food chain deep underwater.

Scientists have usually focused more on open-water marine life when studying food webs, believing that the seafloor does not have top predators. But the researchers found that polar bears and sea stars both hunt at about the same level in their food chains. They both also scavenge for their food, meaning they will eat other animals that are already dead. The big difference between sea stars and polar bears is the size of their prey. Researchers now realize that sea stars may be one of the ocean's most successful predators.

Animal of the week: Columbia Basin pygmy rabbit

The population of Columbia Basin pygmy rabbits, a sub-group of the pygmy rabbit species, has started to recover after it dropped to 16 animals in 2002. Wildlife officials bred them with Idaho pygmy rabbits to increase their numbers.

- **LIFE SPAN:** About two years
- **HABITAT:** In shrubby plants called sagebrush
- **SIZE:** Up to 12 inches long, 16 ounces in weight
- **DIET:** Grasses, especially big sagebrush
- **FUN FACT:** The pygmy rabbit is the smallest rabbit species in North America.

Good week / Bad week

Leopard cats

Conservationists discovered a group of nine leopard cats (small wildcats with a coat similar to a leopard's) in the Kadoorie Farm and Botanic Garden in Hong Kong. They say this is a large number of the cats for such a small area.

Japanese giant salamanders

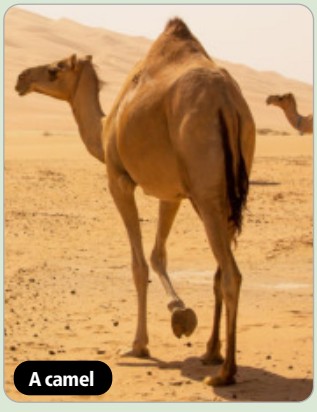
Japanese giant salamanders are now listed as "vulnerable" to dying out. Barriers created by humans in rivers where they live have made it harder for the salamanders to reach breeding sites and have destroyed areas where they hatch their eggs.

CALIFORNIA ACADEMY OF SCIENCES; OREGON ZOO; GETTY IMAGES (3); ON LEFT PAGE: GETTY IMAGES (4); ALAMY

Ask a zookeeper: "Why do camels have humps?" Allyson, 8, Pennsylvania

Michelle Janota
Animal keeper,
Smithsonian's National Zoo

Camels live in deserts where there are few food or water sources. Their humps store extra fat to use as energy. When camels find food, they consume more than they need, filling their hump with fat. Think of it as always having a snack in your backpack for when you get hungry!



A camel

Do you have a question for a zookeeper? Send it to hello@theweekjunior.com.
Find out more about Smithsonian's National Zoo at nationalzoo.si.edu.

Slipping and sliding

The popular winter pastime dates back thousands of years.

Around the world, sledding is a favorite way to have fun in the snow. But when it first started, there was no snow involved at all.

The history of sledding

Sleds have roots in ancient Egypt, where they played an important role in building the pyramids from 2600–2200 BCE. Workers used sleds (or "sledges," as they were called) to haul stones across sand to construction sites. In Italy, during a war in 103 BCE, soldiers used their shields as sleds to cross the snowy Alps mountains. Sleds in medieval Europe (400–1500 CE) transported cargo and people, and Native Americans in North America likewise used sleds to move goods. By the 1650s, Russian aristocrats constructed wooden tracks and rode down them for enjoyment in sleds carved from big blocks of ice. The idea soon spread to other European countries.

An ancient sled

A sledge depicted in ancient times

A boom in the US

Around the 1860s, Henry Morton of South Paris, Maine, started selling hand-painted wooden sleds with metal runners. Unlike larger sleds or sleighs with a push handle that had been built previously, these new sleds were small enough for children to use. The thrill of sledding down a hill, which many people called "coasting," quickly caught on in snowy regions across the US. In the 1880s, the city of Albany, New York, began holding national bobsled competitions at its winter carnivals.

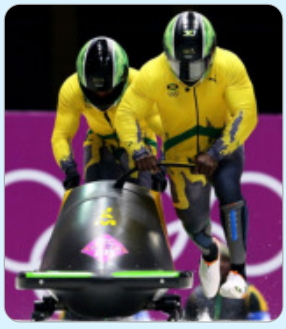
A push sleigh

WOW! The world's largest sled, built in 2006, measured more than 32 feet long and 13 feet wide.

DID YOU KNOW? The Flexible Flyer was the best-selling sled in the US for more than 100 years.

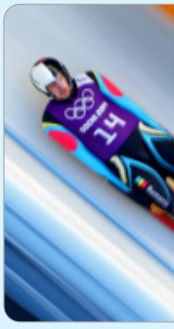
Sledding sports

Athletes from dozens of nations across the globe compete in these three daring winter sports, which take sledding to the next level.



Bobsled

Seating two or four people, bobsleds have four runners, a hand brake, and a steering mechanism for racing down a steep, twisting track of ice. Bobsledding has been a sport in the Winter Olympics since 1923.



GETTY IMAGES (2); THE METROPOLITAN MUSEUM OF ART; NATIONAL PARK SERVICE

through snow

Modern sleds

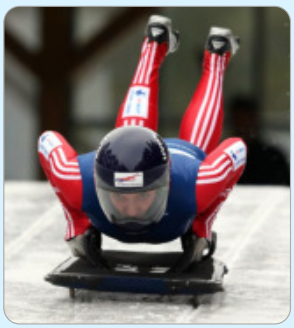
As sledding grew in popularity, people started to worry more about safety. At that time, there was no way to control the speed or direction of the sled. In 1889, Samuel Leeds Allen patented the Flexible Flyer, which is considered the modern sled. It had a hinged steering system, which allowed riders to control the sled's direction. In 1915, about 120,000 Flexible Flyers were sold in the US, primarily in department stores. As sledding grew in popularity throughout the 20th century, other kinds of sleds were introduced, including toboggans (long sleds that are curved up at one end), plastic sleds, flying saucers, and inflatable tubes.

Sledding today

Sledding continues to be popular across the US, from hills in rural towns to huge urban areas like Central Park in New York City. A trend on the rise is glow tubing down snowy paths lit up with color at night. One of the most famous sledding locations in the country is the west lawn of the US Capitol, where families can race down hills beside the building where Congress meets.

Luge

The luge is an open flat sled that fits one or two riders. They position themselves faceup and feetfirst, using their leg muscles to control the direction and speed of the sled. Luge became an Olympic sport in 1964.



Skeleton

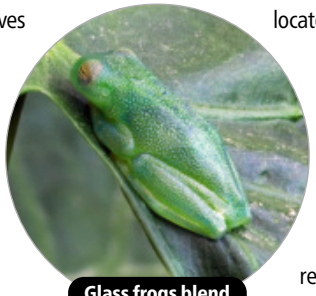
In skeleton, a person rides a small flat sled facedown and headfirst on a frozen track. There is no brake. Skeleton was banned from the Olympics for decades because it was considered too dangerous. It was reintroduced in 2002.

The frogs become see-through when they sleep.

How glass frogs turn transparent

Glass frogs are known for their ability to become transparent (see-through). New research has uncovered how the frogs are able to achieve this, and the discovery could lead to new medical treatments for humans.

There are more than 150 known species of glass frogs, living in tropical climates in the Americas. When they sleep on leaves during the daytime, their skin and muscles become transparent, with just their bones, eyes, and the organs inside their bodies visible. This helps them blend in, making it harder for predators to find them.


Glass frogs blend in with leaves.

Transparency is common in creatures that live in water but rare in vertebrates (animals with a backbone) who live on land, like glass frogs. It's difficult for land animals to conceal the red blood cells that carry oxygen throughout their bodies, because the cells reflect light. That makes the blood easy to see. However, researchers at Duke University in North Carolina realized that red blood cells weren't circulating through the frogs' bodies when they were transparent. They set out to determine what happened to the cells when the frogs slept.

The research team used a technology called photoacoustic microscopy, or PAM. They aimed a safe, non-invasive laser at the frogs as they slept in the lab. The laser caused their red blood cells to produce sound waves, which were picked up by a sensor. The scientists used the sound waves to create an image of where the cells were located in the frogs' bodies.

The scientists discovered that as the glass frogs slept, they pulled about 89% of their red blood cells into their livers, keeping the cells hidden and the frogs transparent. When the frogs became active, the red blood cells started flowing throughout their bodies again, and they were no longer transparent.

The finding raises new questions, such as how the frogs are able to breathe without blood cells actively carrying oxygen. Another key question is how the frogs are able to avoid blood clots. In most vertebrates, that many blood cells packed into a small space would form a clot, which can be dangerous. Discovering how glass frogs prevent these clots from forming could lead to treatments for blood clots in humans.

Other see-through animals

A glasswing butterfly

The natural world is full of transparent and translucent (not completely transparent) creatures. Like glass frogs, glasswing butterflies become transparent to avoid predators. They are able to do so because they have special scales, as well as waxy bumps on parts of their wing that do not reflect light.

Parts of the bodies of golden tortoise beetles have no pigment, giving them a transparent appearance, while their bodies often appear metallic gold or orange in color. Transparency and translucency are more common among water animals, such as sea angel fish. These fish are actually snails and get their names from their fins, which look like wings flapping in the water.

Face of famous Egyptian king revealed

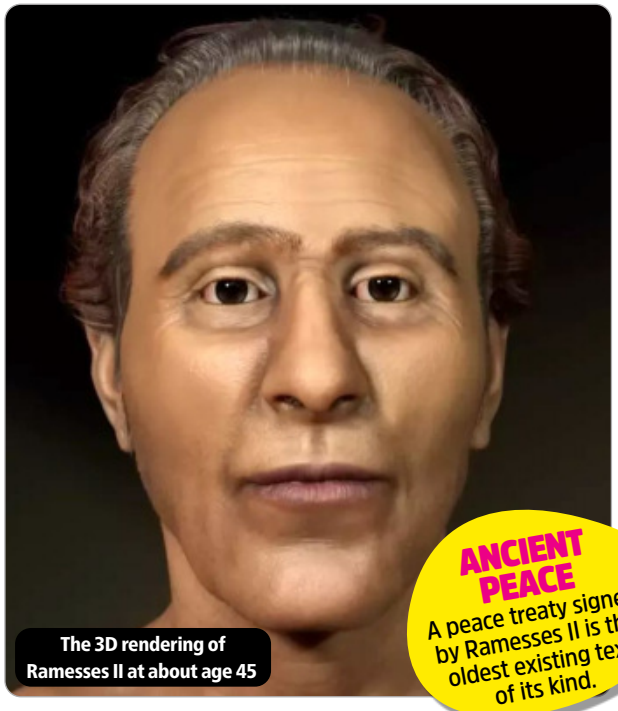
Scientists have created a 3D facial reconstruction of Ramesses II, one of the most famous pharaohs (kings) in Egyptian history. It shows what he may have looked like when he was about 45 years old and "at the peak of his power," Caroline Wilkinson, of Liverpool John Moores University in the UK, told Live Science. Her team worked on it with scientists at Cairo University, in Egypt.

The mummy of Ramesses II

Ramesses II, also known as Ramses the Great, ruled Egypt from 1279 to 1213 BCE. Many temples and monuments were built during his reign, which was one of the longest in Egyptian history. His mummy was found in southern Egypt in 1881 and is now at the National Museum of Egyptian Civilization in Cairo.

To create the new image, Sahar Saleem, from Cairo University, used technology called a CT scan, which involves numerous x-ray images, to create a 3D model of the Ramesses mummy's skull. Wilkinson studied the features of the pharaoh's skull and information about what Egyptians in that period would have looked like. She created a detailed reconstruction of the pharaoh's eyes, skin, and hair using a type of computer software that is also used in criminal investigations.

The first image she created showed what Ramesses II would have looked like when he died, in his 90s. The team then used age regression technology to create the image of the pharaoh in his 40s.



The 3D rendering of Ramesses II at about age 45

ANCIENT PEACE

A peace treaty signed by Ramesses II is the oldest existing text of its kind.

A rendering of the Floating Retreat

Floating tents will elevate camping

A floating campsite will offer guests a high-flying experience and stunning views. The Floating Retreat in the United Arab Emirates will be suspended 330 feet in the air between two mountaintops in the city of Sharjah.

The project is currently in development and will feature a walkway connected to 10 tent pods, which hang on suspension cables. The tents, made of fabric and steel, will be lightweight, fireproof, and waterproof. For safety, the pods can be raised or lowered depending on wind and weather conditions. Each tent will fit two adults and have a private bathroom and wifi, and guests can order room service meals.

The tents will be available for overnight stays from November to May and day visits the rest of the year. The designers behind it hope the retreat will highlight Sharjah's natural beauty and increase environmental awareness.

AMAZING INVENTION

An electronic skin for healthcare

A stretchable e-skin

Researchers at Stanford University are creating wearable electronic skins (e-skins) that could change healthcare. Made of a material called a polymer, e-skins are thin and flexible and can perform some functions of human skin, such as a sense of touch.

E-skins could also be used as a wearable device that measures blood pressure, temperature, and oxygen levels in real time, making care easier for patients such as babies. The technology could also be used to make an implantable device that would work inside the human body.

G. ELLIOT SMITH; LIVERPOOL JOHN MOORES UNIVERSITY FACE LAB; COURTESY OF ARDH ARCHITECTS; YUQING ZHENG; ON LEFT PAGE: GETTY IMAGES (3)

Photos of the week

2022 CLOSE-UP PHOTOGRAPHER OF THE YEAR FINALISTS

Field of fungi
J Fritz Rumpf snapped these strands, called gills, that hang from mushroom caps.

Bundle of balls
Jamie Hall shot this rare wrinkled peach mushroom.

Stunning center
Andrey Savin photographed a colorful crab on an anemone.

ANDREY SAVIN; BARRY WEBB; CATHERINE HOLMES; J FRITZ; JAMIE HALL; RAFAEL STEINLESBERGER

Photos of the week

Moldy meeting
Barry Webb captured these slime molds huddled together.

Staring contest
A white-legged damselfly looks right at Rafael Steinlesberger's camera.

Solo swim
A Red Sea anthias moves through bubbles in an image by Catherine Holmes.

COOL SPOT
The World Figure Skating Museum & Hall of Fame is located in Colorado Springs, Colorado.

Isabeau Levito

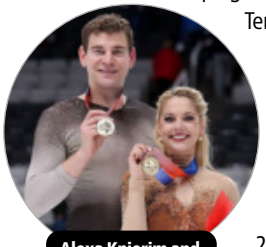
Rising skating star

In the juniors competition at nationals, men's gold medalist Lucas Broussard, age 16, made history by earning 239.55 points, the highest-ever total score by a junior man. He began his free skate with a quadruple toe loop and landed seven triple jumps in the routine.

US crowns figure skating champions

From January 23 to January 29, the 2023 US Figure Skating Championships took place in San Jose, California. Medals were awarded in men's singles, women's singles, pairs, and ice dance at the junior and senior levels.

Since last year's Olympics, some top American skaters have retired, including Alysa Liu and Mariah Bell. Others, such as Olympic gold medalist Nathan Chen, are taking a break from competing. As a result, ice dancers Madison Chock and Evan Bates were the only national champions defending a title this year.



Alexa Knierim and Brandon Frazier

The changes in the competitive field made it possible for other top skaters to shine. One of them was 15-year-old Isabeau Levito, the reigning world junior champion. She competed at the senior level at the national championship and won the women's singles title. After her short program, Levito had a .02 lead over Bradie Tennell, age 25, a former Olympic bronze medalist and national champion. Levito had a nearly flawless performance in her free skate and ended up with a 10-point lead over Tennell, who won the silver. Amber Glenn, age 23, took the bronze.

In men's singles, Ilia Malanin, age 18, won his first US Championship. He made headlines last year by becoming the first skater to land a quadruple Axel in competition. Even though he was unable to pull off that move or two other quads in his free skate, he still finished 10.43 points ahead of Jason Brown, age 28. Andrew Torgashev, age 21, who scored slightly better than Malinin and Brown in the free skate, came in third.

In the ice dance final, Chock and Bates, ages 30 and 33 respectively, won their second title in a row and fourth national title. The duo have now won a medal in 11 out of their 12 appearances as a team. In pairs, Alexa Knierim and Brandon Frazier took home the gold. They are both in their early 30s and became the first pair of that age to win nationals in more than 50 years. It may be their final nationals performance, however. They are deciding whether to continue competing after this season.

The top three finishers in each discipline have earned the chance to represent the US at the World Figure Skating Championships in Japan in March.

THIS WEEK'S WINNERS...

NATIONAL FOOTBALL LEAGUE

On January 29, the Philadelphia Eagles beat the San Francisco 49ers, 31–7, to win the National Football Conference title and a spot in the upcoming Super Bowl. In the American Football Conference title game, the Kansas City Chiefs beat the Cincinnati Bengals, 23–20, to claim the other Super Bowl spot. The score was tied with eight seconds left when the Chiefs kicked a game-winning field goal.

Mark McMorris

COLLEGE BASKETBALL

On January 28, University of Oklahoma guard Taylor Robertson made the 498th three-pointer of her career, breaking the Division I women's college basketball record for three-pointers.

WINTER X GAMES

On January 29, Canadian snowboarder Mark McMorris became the most decorated Winter X Games athlete. He won gold in slopestyle, which was his 22nd medal.

Novak Djokovic

DID YOU KNOW? The Australian Open, which was first held in 1905, has taken place in New Zealand twice.

Thrilling Australian Open ends

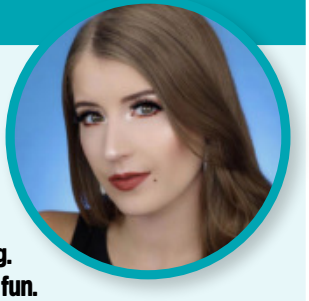
After two weeks of exciting tennis matches, the Australian Open ended on January 29. Played in Melbourne, Australia, it was the first of the four most important international tennis tournaments of the year, known as the Grand Slams.

The men's singles final featured fourth seed Novak Djokovic of Serbia and third seed Stefanos Tsitsipas of Greece. It was a close match that went to tie-breaks in two sets, but Djokovic won, 6–3, 7–6 (4), 7–6 (5). He earned his tenth Australian Open title and the 22nd Grand Slam victory of his career. He is now tied with Spain's Rafael Nadal for most Grand Slam wins by a man. Djokovic said, "This probably is the...biggest victory of my life."

In a thrilling women's singles final the day before, fifth seed Aryna Sabalenka, who is from Belarus but did not officially play for her country, beat 22nd seed Elena Rybakina, who represents Kazakhstan, 4–6, 6–3, 6–4. The victory was Sabalenka's first-ever Grand Slam title.

Several Americans had standout performances at the tournament this year. Unseeded Tommy Paul made the semifinals and was the first American man to go that far in singles at the tournament since 2009. He lost to Djokovic. Paul was one of three American men who made the singles quarterfinals. In the second round of men's singles, two other Americans knocked out the tournament's top two seeds. On the women's side, third seed Jessica Pegula made the singles quarterfinals. In doubles, she and American Coco Gauff were the second-seeded team and advanced to the semifinals but lost to a pair from Japan.

COACH OF THE WEEK



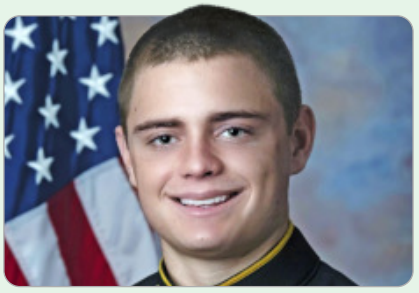
Coach's Name: **Melinda Fenyvesi**

Team: **Maximum Athletics Girls Gymnastics**

"Coach Melinda is kind, caring, and encourages us to work hard toward our goals. She gets so excited when we make our skills. With her help I was able to get my back handspring. She is strict about playing around but always makes practice fun. When we master a new skill, we get to pick a prize from the prize box. Coach Melinda also designs our beautiful leotards. She is very passionate about gymnastics and helping us. I'm so lucky to have her as my coach!" Camille, 8, Texas

To nominate a Coach of the Week, send your coach's name, photo, sport, and team to *hello@theweekjunior.com.* Include your name, age, state, and a few reasons why your coach is great.

SPOTLIGHT ON...



Eavan Gibbons

AGE: 21 SPORT: FOOTBALL
TEAM: US NAVAL ACADEMY

Family bond I grew up watching football and playing with my brothers. I always wanted to play at the Naval Academy. My dad went there.

Getting better Almost every day, I try to work on my footwork and molding my craft to become the best player I can be. That doesn't happen only on the field. I love being a student of the game and watching film to understand the ins and outs of my position.

Taking the field Game days are an emotional roller coaster from the moment you wake up to the final whistle. They're a blast, though. We play a lot of big games. When we play Army, there are 80,000 people watching and screaming. The advice our coach gives us is, "Breathe, focus, explode."

Keys to success My planner keeps me sane with all the things I have to do academically, for football, and also militarily. You have to be really disciplined and make sacrifices in terms of what you can and cannot do. I also think it's important to be mentally present with each and every thing you're doing. It doesn't make sense to be somewhere and thinking about other stuff.

Aiming high My football goal right now is to win the Commander in Chief's Trophy. We compete for it with Army and Air Force. The team that beats the other two teams in a season wins it.

His advice Pursue something to the best of your ability, no matter what other people say. The only thing that really matters is how you react, how you train, and how you prepare for your goals. It's not going to have anything to do with the naysayers.

GETTY IMAGES (2); ON LEFT PAGE: GETTY IMAGES (4)

Teagan Croft playing Jessica Watson in True Spirit

NATIONAL HERO
The Australian government named sailor Jessica Watson the Young Australian of the Year in 2011.

Film inspired by brave teen sailor

True Spirit **tells the story of Jessica Watson, an Australian girl who attempted to sail around the world alone.**

In 2010, 16-year-old Australian Jessica Watson attempted to become the youngest person to sail solo around the world, nonstop and unassisted. Her story inspired the new film *True Spirit*, which is now streaming on Netflix. The film depicts the challenges she faced as she pursued her dream, including overcoming her fears and navigating the ocean.

True Spirit is based on Watson's 2010 book of the same name. In it, she chronicled her ocean journey, which lasted 210 days and covered nearly 23,000 nautical miles (about 27,000 land miles). Although her parents, siblings, and sailing coach supported her quest, it was controversial. Many people thought it was too dangerous for someone her age to be sailing alone and that she shouldn't have been allowed to go. The film's director and co-writer Sarah Spillane told *The Week Junior*, "I certainly related to the story of a girl who refused to accept no as an answer."

Jessica Watson

Watson told *The Week Junior* the "real hero" of her trip was her 34-feet-long pink sailboat, "Ella's Pink Lady." A version of the boat was re-created for the movie. Some filming took place on the ocean, but because of unpredictable conditions, most of the water scenes were shot in a tank at a studio. Australian actress Teagan Croft, who plays Jessica, took sailing lessons for the role. She and Watson also went out on the water together a few times.

Spillane hopes audiences will appreciate every aspect of Watson's journey, which wasn't just physical but also mental and spiritual. "The message is very much about having a dream, pursuing it, and what you learn along the way," Spillane told *The Week Junior*. Watson added, "It is incredible what is possible."

3 other sailing feats

Young sailor

Dutch teen Laura Dekker holds the current record as the youngest person to sail around the world without any help. She was 14 when she began her trip and 16 when she finished in 2012.

Laura Dekker

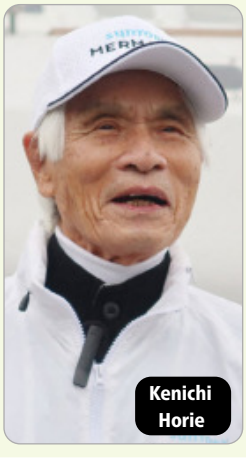
Major speed

In 2017, French sailor François Gabart set the speed record for a solo trip around the world. He completed his journey in 42 days, 14 hours, 40 minutes, and 15 seconds. He beat the old record by more than six days.

François Gabart

Ageless ambition

Japan's Kenichi Horie, age 83, is the oldest person to sail solo across the Pacific Ocean, the world's largest body of water. He set the record in June 2022, and his journey lasted 70 days.



Kenichi Horie

DID YOU KNOW?
On August 30, 1983, astronaut Guion Bluford became the first African American in space.

My Dad the Bounty Hunter

New groundbreaking sci-fi series

My Dad the Bounty Hunter is a new animated series premiering on Netflix on February 9. The action-comedy follows a pair of siblings, Lisa and Sean, who stow away in their father's car when he goes on a work trip. They don't know that their dad's job is to capture alien creatures in space, so the trio end up on an unexpected adventure together.

The show is breaking new ground in the entertainment world because it is a sci-fi story that centers around a Black family. It is part of a genre called Afrofuturism, which means it combines elements of science fiction, the culture and history of Africa and Africans, fantasy, and a vision of a better future.

Everett Downing, one of the show's co-creators and executive producers, is Black. He said there haven't been many Black characters in space, and he told *The Week Junior* he thought there was "a hopefulness" that came with having the show set there. "We're all there in the future," he said.

To emphasize how different the premise is in the animated world, the series' other co-creator and executive producer, Patrick Harpin, added, "Pixar and Disney haven't done a family like this yet."

Downing and Harpin told *The Week Junior* their mission was to create a sci-fi show that felt grounded in reality and didn't talk down to kids. One big issue the family is dealing with is that dad Terry spends a lot of time away from home. "Even though there's all this wild stuff happening, it's really a story about a dad who has to reconnect with his children," Downing said. The episodes are serialized, which means they tell an ongoing story as Terry tries to track down his target and get the kids home without their mother, Tess, knowing they've been gone.

While Downing said he hopes the series allows Black viewers to "feel seen," he and Harpin also wanted it to be relatable to anyone who watches it. "I hope kids and parents both see themselves in these characters," Harpin said.

READER RECOMMENDS

Percy Jackson & the Olympians: The Lightning Thief PG (Available on streaming platforms)
"This movie is based on the book by Rick Riordan, which I also highly recommend. In the story, the main character, Percy Jackson, realizes that the Greek gods are real and he is the son of the sea god, Poseidon. After Zeus, who is the king of all gods and the lightning god, accuses Percy of stealing his master bolt, Percy goes on a quest to prove his innocence. Along the way, Percy and his new demigod friends face many perils. I liked this movie because I love seeing Greek mythology come to life." Avi, 11, Pennsylvania

Do you have a film or TV show to recommend to other kids? Send your review to hello@theweekjunior.com.

THIS WEEK'S WATCH LIST

Schoolhouse Rock! 50th Anniversary Singalong
(ABC) (Hulu)
This special celebrates a classic series that taught kids about government, grammar, and other subjects through animated videos with catchy songs. Celebrity guests will sing tunes such as "Conjunction Junction" and "Figure 8."

Woman in Motion
(Peacock) (YouTube)
In honor of Black History Month, watch this documentary about Nichelle Nichols, the first Black American woman to have a lead role on TV. She played Lieutenant Uhura on *Star Trek* and later helped NASA (the US space agency) recruit more women and people of color.

Meet the Family: Dogs in the Wild
(PBS) February 8 (PBS.org)
In this three-part *Nature* series, you can learn all about canids, the family of dog-like mammals that includes wolves and foxes. Other less well-known canids, such as the fennec fox and dingo, are also featured. The show reveals how they thrive in their natural habitats.

COURTESY OF NETFLIX; ABC/GIOVANNI RUFINO; PARAMOUNT+; COURTESY OF RON HAYES/BBC; 20TH CENTURY FOX; ON LEFT PAGE: NETFLIX (2); GETTY IMAGES (3)

SpongeBob SquarePants: The Cosmic Shake

Travel to wild worlds with SpongeBob

SpongeBob SquarePants: The Cosmic Shake is a new cartoon adventure platform game. It was recently released for the Nintendo Switch, PlayStation 4, Xbox One, and PC.

SpongeBob is a goofy sea sponge from the animated Nickelodeon series *SpongeBob SquarePants*. He has been appearing in video games since 2001 and has starred in several films. The game features the voice actors from the TV series and more than 100 songs from the show.

The game's story sounds like an extra-wacky episode of *SpongeBob SquarePants*: After a mysterious fortune teller gives SpongeBob and his best friend Patrick Star a vial of magical wish-granting mermaid tears, the pair get carried away and eventually rip a hole in the fabric of reality. A portal to a secret multiverse opens above Bikini Bottom, where they live, and sucks in many of their friends, including Squidward, Sandy, Mr. Crabs, and Pearl.

SpongeBob SquarePants

The group is spread across seven WishWorlds, and it's up to SpongeBob and Patrick to travel to each one and rescue their pals. The worlds are twists on different locations that fans of the SpongeBob series, films, or video games will have seen before. They include the Wild West, medieval times, and the caveman era.

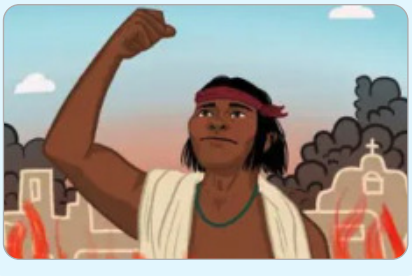
Each WishWorld has its own challenges, puzzles, and enemies, and players can unlock more than 30 costumes that relate to many of the settings. To get around, SpongeBob glides, surfs, and jumps through the sky. As fans of the game Battle for Bikini Bottom know, he is good at fighting anyone who gets in his way. He may have tiny legs, but he has a mean karate kick.

PODCAST OF THE WEEK

A BRIEF HISTORY OF THE AMERICAN SOUTHWEST FOR KIDS

Apple Podcasts

This series was produced by a children's public radio organization in New Mexico in partnership with local experts and schools. It takes listeners as far back as 23,000 years ago and covers the people and events that shaped the Southwest.



VIDEO OF THE WEEK

THE SECRET TO NEW YORK'S BAGELS

tinyurl.com/TWJUS-NYBagels

New York City is famous for its bagels. In this video, you'll visit the popular Utopia Bagels shop to learn how they turn out about 70,000 handmade bagels a week. Co-owner Scott Spellman explains the secrets to making the dough, rolling it, boiling it, and baking it to perfection.

WEBSITE OF THE WEEK

WONDERLAB+

tinyurl.com/TWJUS-Wonderlab

This site from the Science Museum Group in the UK has a mix of math and science activities. Some fun topics include building your own puzzle game and making ice cream. There are also fascinating videos, including one about seeing sound waves travel, as well as online games.

NICKELODEON (2); THE CHILDREN'S HOUR INC; EATER VIA YOUTUBE; WONDERLAB+

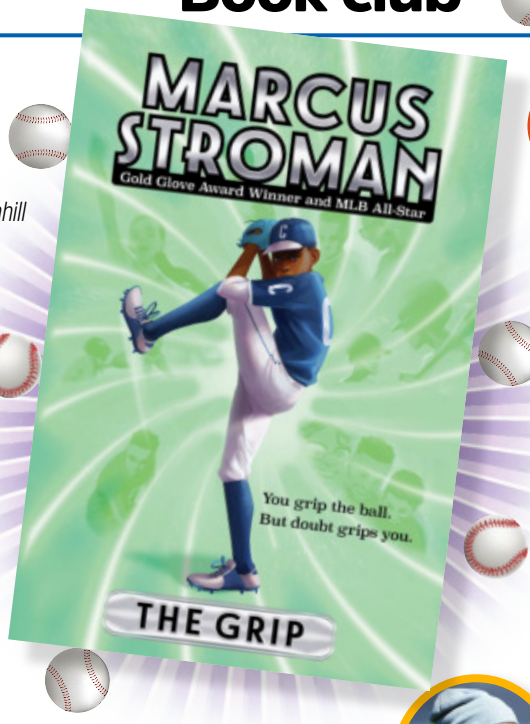
BOOK OF THE WEEK

The Grip

By Marcus Stroman with Samanatha Thornhill

(Aladdin)

Marcus loves being a pitcher on his baseball team. His dad believes he has the potential to make it to the Major Leagues one day. But Marcus doesn't believe in himself as much as his family does. A teammate frequently teases Marcus about being short for a pitcher. Marcus's mom takes him to a mental health coach to help him work through his doubts and anxiety. Playing baseball with his friends for fun helps too. Will Marcus be able to get back on track before the most important game of his life so far? This story is semi-autobiographical, which means it's loosely based on the childhood experiences of the author, Marcus Stroman, who is a pitcher for the Chicago Cubs. The chapters with Marcus on the pitcher's mound are especially detailed and suspenseful.



WIN A BOOK!

We're giving away five copies of *The Grip*.

For a chance to win, send your name and address to *contests@theweekjunior.com* with The Grip in the subject line. Enter by midnight on February 24. See theweekjunior.com/terms for complete rules.

ASK THE AUTHOR

Marcus Stroman

We spoke to the author of *The Grip*.

If you didn't play baseball for the Chicago Cubs, what would you do?
I would create and chase all of my passions, which include music, art, fashion, and helping others.

What position would you play if you didn't pitch?
Shortstop.

Did you have a baseball team you liked most?
No. I would watch all the teams and players.

What do you hope kids take away from The Grip**?**
I hope kids develop a sense of calm and learn how to navigate adversity through life, while also focusing on their mental health.

Any advice for those with big dreams?
Chase your dreams aggressively, seek acceptance from no one, and give to those who feed your soul.

Favorite pitch to throw?
A sinker.

BOOKS: COURTESY THE PUBLISHERS; AUTHOR: COURTESY OF MARCUS STROMAN; GETTY IMAGES

READER RECOMMENDS

Ashes *By Laurie Halse Anderson*

"This book is set in the time of the Revolutionary War, where Isabel, a free African American, is trying to find a safe place where war hasn't come and also search for her long-lost little sister. She will have to navigate through a British camp, a bustling Williamsburg, and a battlefield to stay safe and, most important, stay strong. I would recommend this book for ages 9 and up." Meher, 10, Virginia

Do you have a book to recommend? Send your review to *hello@theweekjunior.com*.

4 books that are all about chocolate

These picks are deliciously satisfying and full of action and activities.

Willy Wonka's Everlasting Book of Fun

By Roald Dahl, illustrated by Quentin Blake

(Grosset & Dunlap)

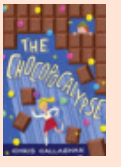
Many characters in *Charlie and the Chocolate Factory* have their own section in this activity book that's packed with puzzles, jokes, experiments, and recipes, such as Wonka-favorite Fudgemallow Delight. *Ages 7–10*

This Book Is Not Good for You

By Pseudonymous Bosch

(Little, Brown for Young Readers)

Cass, Max-Ernest, and their friends set off on a delicious adventure in the third book of the popular Secret Series. They're looking for the Tuning Fork, a tool that would change a plain substance, like water, into a tasty one, like chocolate. Then an evil pastry chef kidnaps Cass's mom. *Ages 8–12*

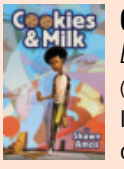


The Chocopocalypse

By Chris Callaghan

(Delacorte Press)

While watching TV, Jelly and her family learn that the world will soon run out of chocolate. Jelly can't believe it! She and her grandmother investigate, and the trail of clues leads to a fancy chocolate shop in her town. Can they solve the mystery? This story is fast-paced and full of twists. *Ages 8–12*



Cookies & Milk

By Shawn Amos

(Little, Brown Books for Young Readers)

It's 1976, and Ellis's father opens a store that sells warm chocolate chip cookies. At first, Ellis doesn't want to spend his summer helping at the shop. But as the weeks go by, he changes his mind and grows closer to his dad. This book is loosely based on the life of the son of the founder of Famous Amos cookies. *Ages 8–12*

PUPPY LOVE
More than 27 million households in the US give their dogs Valentine's Day presents.

Craft Valentine's Day cards

Give friends and family a homemade surprise for the holiday.

Valentine's Day offers a great opportunity to show special people in your life—whether friends, siblings, parents, or other relatives—that you care about them. One way to mark the occasion is to give Valentine's Day cards. Homemade cards can be especially fun to share because you can personalize them to make your friends and family feel extra loved. Here's how to get started.

Gather supplies

Instead of buying new supplies for your cards, start with what you already have at home. Look in your craft area for colorful paper, stickers, markers, ribbons, and glitter. You can also use upcycled or recycled supplies, such as flyers you've gotten in the mail or colorful packaging from items you've purchased. This is a good time to think about how many cards you want to make so you can be sure you have enough supplies.

Your card is your canvas.

Start with a base

First, choose a piece of cardstock (thicker paper) or construction paper. You can pick a classic Valentine's Day color, like pink or red, or any shade you prefer. Fold it in half to make a card with a front and an inside. Or cut the paper into a shape (like a heart) to make a flat card with designs on the front and back. To cut the card into a heart, fold the paper in half first and then trace half a heart toward the folded edge. Next, use scissors to cut along the pencil line. Unfold your paper to reveal a heart shape.

Add a note

Once you have the shape of your card ready, write a message on it. You can write a longer note about why you appreciate the person you're giving the card to, include an inside joke, or write out a Valentine's Day saying. For example, you could write "Our friendship is blooming" and then decorate your card with flowers. Or perhaps the recipient of your card loves a certain animal, such as an owl. You can come up with a phrase that connects to that, such as "You're a hoot." You can brainstorm ideas for this on your own or ask an adult to help you look up lists of "Valentine's Day puns" online. If you find a saying you like, you can use it for inspiration to decorate the rest of the card.

Get crafty

Once you have your basic card and message, it's time to add your own design touches. One option is to layer on more shapes cut from paper. Use fun craft scissors (like waves or zigzags) to cut out hearts, stars, or other shapes of various sizes and glue them onto the card, either layered on top of one another or in different spots. Or, if you prefer, you can decorate the card with stickers, glued-on gems, or your own drawings. You could also print out a photo of the two of you together and glue it inside. For a finishing touch, add a border around the card's edge using a marker or gluing down ribbon. If you like, you could even tape a small candy or toy to the card.

4 fun facts about valentine candy

Many people like to give candy as a gift on Valentine's Day. Find out more about this sweet tradition.

So much chocolate

The first heart-shaped candy boxes were produced for Valentine's Day in 1861. Today, more than 36 million boxes containing more than 58 million pounds of chocolate are sold every year.

Something to talk about

Conversation hearts, another popular candy for the holiday, were originally produced in the 1800s on a machine that was intended to make throat lozenges. In 1866, the company started printing sayings on the candies. More than 8 billion conversation hearts are made each year.

Favorite gift

Although roses are a popular Valentine's Day gift, one study found that 69% of Americans would prefer to be given chocolates instead of flowers. And when it comes to a box of chocolates, caramels are the most popular flavor.

A kind gesture

In Japan, only women hand out chocolates or other gifts on Valentine's Day. They give them to the important men in their life, including relatives and coworkers, to show appreciation. A month later, on March 14, it's the men's turn to give gifts to the women in their lives.

FUN FACT
The largest freestanding rock is believed to be in Landers, California, and is seven stories high.

Make paperweights from rocks

What you need

- Small, smooth rocks
- Paint
- Paintbrushes
- Scissors
- Colored paper
- Recycled wrapping paper or newspaper
- Craft punches in different shapes (optional)
- Glue
- Small plate or bowl
- Acrylic matte or gloss medium (optional)

Instructions

1. Wash your rocks with soap and water and allow them to dry completely.
2. To create painted paperweights, use a paintbrush to paint designs on the rocks such as hearts, rainbows, and initials. Let dry.
3. To decorate rocks with a paper collage, first use scissors to cut out a variety of small shapes, like hearts or rainbows, from colored or recycled paper. If you have a heart-shaped craft punch, you could also use that to make heart shapes.
4. Squeeze a little glue onto a plate or bowl. Use a paintbrush to brush a thin layer of glue onto the back of the paper shape and adhere it to a rock.
5. Once the paint or glue is dry, you may want to make your paperweights a little shiny and add a protective coating. If so, brush on a coat of acrylic matte or gloss medium. Let the rocks completely dry. Now your personalized paperweights are ready to be handed out to your family and friends as gifts!

WARNING!
Ask an adult's permission before using the microwave.

Mix up a crunchy snack

Ingredients

- ½ cup creamy peanut butter
- 1 cup white chocolate chips
- 4 tablespoons butter
- 1 teaspoon vanilla
- 8 cups rice or corn Chex cereal
- 1¾ cups powdered sugar
- ½ cup freeze-dried strawberries, crushed into powder
- 1 cup assorted red/pink sprinkles and/or other pink and red candies

Instructions

1. Combine the peanut butter, white chocolate chips, and butter in a large microwave-safe bowl. Heat in microwave for 30-second intervals at 50% power, stirring after each, until melted and smooth. Stir in the vanilla.
2. Add the Chex cereal to mixture and toss gently to coat. Set aside and let cool for 10 minutes. Spoon half of the Chex mixture into a large zip-top bag and add 1 cup of the powdered sugar. Seal the bag and toss to coat. Let cool completely.
3. In a separate zip-top bag, combine the remaining ¾ cup powdered sugar and the crushed strawberry powder and shake to mix. Add the remaining coated Chex mixture and toss to coat in the sugar and strawberry powder mixture. Let cool completely.
4. Combine all the Chex cereal in a large bowl. Add the sprinkles and/or other candy and toss to combine. Makes about 9 cups.

JODI LEVINE FOR SUPERMAKEIT; ERICA CLARK FOR STONE KITCHEN CREATIVE; ON LEFT PAGE: GETTY IMAGES

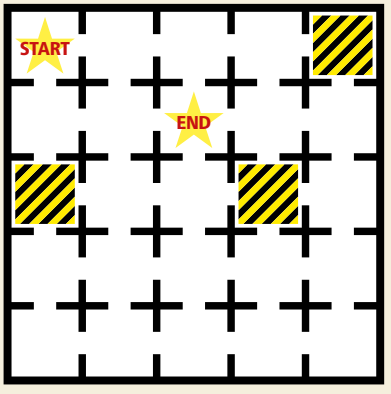
Word ladder

To change the word SNOW into the word FORT, use each clue to fill in a word that is only one letter different from the word before it. If you get stuck, try solving from the bottom up.

	S N O W
Like the tortoise (and unlike the hare) ▶	
Truck that clears snow ▶	
A book's story ▶	
Dab a spill with a paper towel ▶	
Foot covering for someone going out in the snow ▶	
Black stuff in a chimney ▶	
Separate into piles, like socks ▶	
	F O R T

DO NOT ENTER

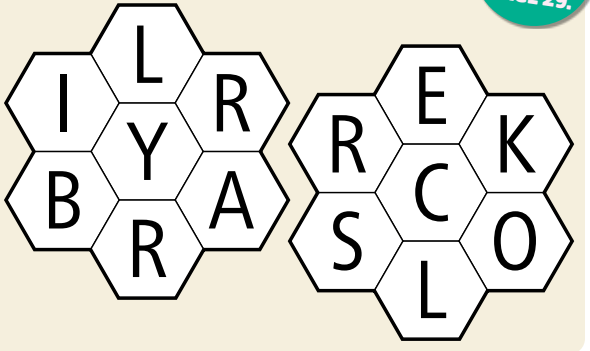
Draw one continuous path from START to END that goes through every box except the ones containing obstacles. Your path may not cross itself, and there is only one solution.



STEPPING STONES

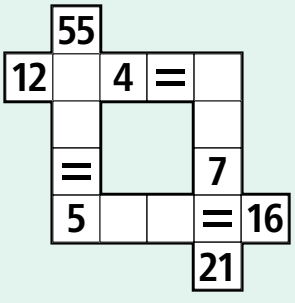
ANSWERS CAN BE FOUND ON PAGE 29.

Each figure hides the name of a seven-letter thing at school. To find each one, start anywhere and move in an unbroken path through letters that share a border (no jumping!), using each letter once. (NEED A HINT? Check the bottom of the page.)



Crossmath

Fill each empty box with a number or a mathematical symbol (+, −, ×, or ÷) to complete the equations across and down. A symbol can be used more than once.



Spot the difference

These two pictures of Valentine's Day candies appear to be the same, but take a closer look. There are actually five differences. Can you see them?

PUZZLES BY PUZZABILITY

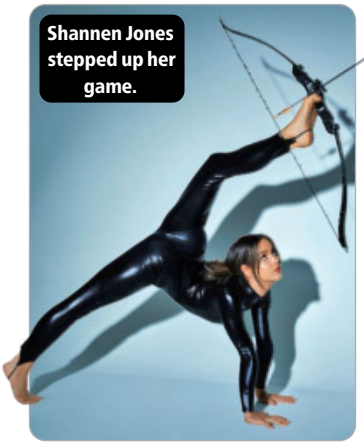
Stepping stones hint: Both words begin with the same letter.

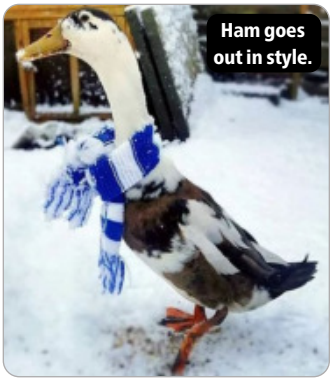
An incredible color-changing car

Cars can come in many different colors, but once you choose a color, you're usually stuck with it. At least that's how it used to be. The BMW i Vision Dee concept car (a vehicle that has been designed but not yet made for buyers) uses a special coating to transform into 32 different colors. If you don't like a color one day, you can pick another one the next. Not only can the car change colors, it can also make facial expressions using its headlights.

Upside-down archer

An Australian contortionist recently went toe-to-toe with the best in order to win a Guinness World Records title. Standing on her hands, Shannen Jones used her feet to shoot an arrow into the center of a target 59 feet and 11 inches away. Jones practiced for more than six years before managing to de-feet the previous record for foot archery, which had been set at about 40 feet of distance. Jones said, "It's certainly a bit of a flex."





Pet duck runs amok

A pet duck named Ham has become an online sensation after his owner started sharing his mischievous behavior on social media. Ham lives with a family in the UK but keeps escaping from his pen, chasing foxes, and waddling into other people's houses. At home, the domesticated duck's favorite snack is a bowl of Rice Krispies and a cup of tea.

Real or fake?

Robot barista taking over

At one popular coffee shop chain, robots are replacing baristas (the people who make the drinks). The robots, named ADAM, can make perfect cups of coffee, tea, and other beverages. They don't need to take breaks and never make mistakes. Although some customers think the robots are fun, many human baristas say it's unfair to replace their jobs with machines. Is this coffee-shop revolution real, or are we serving you a latte of lies?*

A record for building the world

Cooper Wright loves making Lego creations—and his biggest challenge yet has made him a worldwide success. The 13-year-old from Cumberland, Maine, put together the Lego World Map, a 11,695-piece mosaic using the colorful bricks to create an image of Earth's continents and oceans. The Guinness World Records title for completing the map stood at 12 hours, but Wright finished it in 9 hours, 14 minutes, and 49 seconds. Next he plans to conquer the Lego Eiffel Tower. Wright said, "I could probably break the record for that one, I think."

*Fake! Although a coffee-making robot called ADAM does exist, he hasn't replaced human baristas. The two-armed robot is still new and recently appeared at the 2023 Consumer Electronics Show in Las Vegas, Nevada.

BMW GROUP; GUINNESS WORLD RECORDS; CHARLOTTE TAYLOR-DUGDALE / SWNS; GETTY IMAGES (2); NEWSCENTER MAINE; WE CHAT; ON LEFT PAGE: GETTY IMAGES (3)

Editor's note

Birds are a topic of great interest in my family. My father was a talented artist, and birds were the subject of many of his paintings. My brother Jon is also a fan of birds and enjoys discussing them with his 11-year-old son, Elijah. They are especially intrigued by the bar-tailed godwit, one of which broke a record last year by flying 8,435 miles from Alaska to Australia without stopping. (How *does* the godwit do it?) When they read this issue of *The Week Junior*, I hope they will be impressed by the resilience of the birds in Nantahala National Forest in North Carolina following massive wildfires there (p10). Despite the destruction to their home, the indigo bunting, eastern towhee, chestnut-sided warbler, and other species have rebounded and are now flourishing. That kind of strength deserves a spot on the cover!

Andrea Barbalich
Editor-in-Chief

Jack, 10 (far left), California

Raising money for a food bank

"My friends and family raised money to donate to a food bank by organizing an annual craft fair. It has been amazing to watch the craft fair go from raising a couple hundred dollars the first year to more than $4,000 this year. That growth is mainly because of how many friends and family were inspired to create items to sell and participate. Some items sold were soap, wall art, bracelets, ceramics, candles, and succulents. My friends and I worked hard to make crafts, and it was a big success. People came from all over to buy our items. We had so much fun helping people in need, and we are already starting to plan for next year's event!"

Have you done something interesting or raised money for a cause you care about? Whatever you're up to, we want to hear about it at *hello@theweekjunior.com*.

JOKE OF THE WEEK

Why is it so hard to trap Superman?

He always has an S-cape.

CHARITY OF THE WEEK

Dress for Success

This organization provides women who are trying to enter the workforce with the professional clothes they may need to wear on job interviews. It also provides training and networking opportunities to help them succeed at getting a job and assists them as they try to grow in their career. The group works in 23 countries and has helped more than one million women since its founding in 1997. Find out more at dressforsuccess.org.

DRESS FOR SUCCESS
Going Places. Going Strong.

READER RECOMMENDS

What makes you smile and laugh?

What book, TV series, or podcast makes you laugh the most? Do you have a favorite joke to share? Is there a cartoon (or something else) you find especially funny? For a chance to be included in our upcoming Humor Issue (Issue 153), send us what you think is funny and why, along with your first name, age, and the state you live in. Have an adult email what you write, along with your photo, to *hello@theweekjunior.com*.

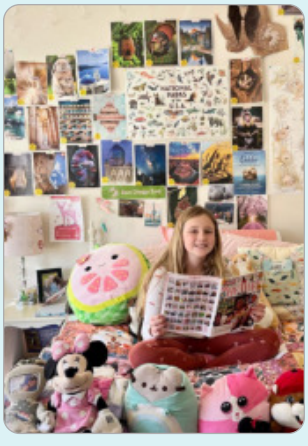
THE WEEK Junior IT'S YOUR TURN Email your news, views, and photos to *hello@theweekjunior.com*.

YOUR PHOTOS

We'd love to see pictures you've taken or pictures with you in them! Send them to us at *hello@theweekjunior.com*, along with anything you'd like to tell us about what's in the photo.

"We love playing in the snow on a snow day! Here's the snowman and snow dog we built!" David, 9, and Nora, 7, New Hampshire

"I love reading *The Week Junior*! My favorite part is the back cover and the voting polls. I used the back covers to make a collage on my wall!" Caroline, 11, Arizona



"We made the broccoli cheddar soup from the December 9 issue." Jose, 10, and, Mariana, 6, Pennsylvania

Teacher OF THE WEEK

Teacher's Name: **Mrs. Mileta**

School: **Catawba Springs Elementary School**

"Mrs. Mileta is the best teacher ever because she is so kind and always helps us when we need it. She plans fun parties, like a poem café and a Narnia party after we finished reading *The Lion, the Witch, and the Wardrobe*. She makes learning fun and enjoyable for everybody. I think she deserves to be the Teacher of the Week every week!"

Poppy, 10, North Carolina

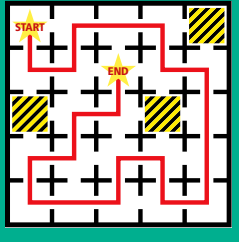
Nominate your teacher for Teacher of the Week! Send your reason for the nomination, a photo of your teacher, and your school's name and address to *hello@theweekjunior.com*.

Puzzle answers (from page 26)

Word ladder

snow
slow
slot
blot
boot
soot
sort
fort

Stepping stones
library, lockers



55				
12	÷	4	=	3
11				×
=				7
5	+	11	=	16
21				

Quiz answers (from page 30)

1 Ella's Pink Lady **2** b) Tommy Paul **3** True **4** c) Mermaid **5** True **6** b) Hillsboro Hops **7** True **8** 2,900 **9** b) Flexible Flyer **10** True **11** Afrofuturism **12** c) A sinker **13** False. They prefer shrubs. **14** b) Navajo Nation **15** Ham

POPJAM

Sign up and follow @theweekjuniorus on PopJam, a social media platform for kids 7–12. Ask an adult to download the app from iTunes or Google Play.

We asked: What has already been great about 2023 for you?

"I'm excited to start fresh."

"I am ready to move forward in my life."

"I'm excited for a new year, for new things to come."

In the big debate, we asked: Should we stop eating Maine lobster?

"I think we can find another big source, so yes."

"No way! It's delicious."

"Yes"

"No"

"Maybe?"

"No, because a lot of people like lobsters, and Maine is where most lobsters are."

Now tell us: Who is your favorite book author and why? Which book did they write that you would recommend to other kids your age?

We want to hear from you! To have your letters, photos, nominations, recommendations, or ideas considered for inclusion in the magazine, please include your full name, age, and state with your submission. By emailing your submission to us, you give *The Week Junior* consent to publish it in the magazine and online. Please get your parent/guardian's permission before sending anything to us.

GETTY IMAGES: ON LEFT PAGE: GETTY IMAGES (2)

How much of this week's news can you remember?

1 Jessica Watson sailed around the world in a sailboat with what name?

2 Which unseeded American tennis player made the semifinals of the Australian Open?

a) Ben Shelton b) Tommy Paul c) Rafael Nadal

a ☐ b ☐ c ☐

3 True or false? The Newbery Medal was the world's first award for children's books.

True ☐ False ☐

4 In the video game SpongeBob SquarePants: The Cosmic Shake, SpongeBob and Patrick Star receive a vial of what kind of tears?

a) Fairy b) Dragon c) Mermaid

a ☐ b ☐ c ☐

5 True or false? Glass frogs make themselves transparent by hiding their red blood cells.

True ☐ False ☐

6 Ronnie Gajownik is the first female manager of what minor league baseball team?

a) Brooklyn Cyclones b) Hillsboro Hops

b) Greensboro Grasshoppers

a ☐ b ☐ c ☐

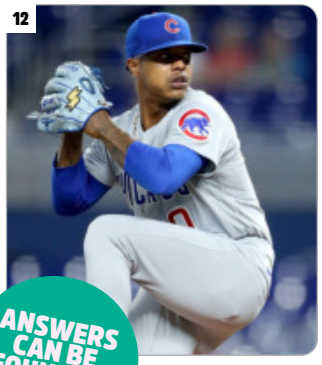
7 True or false? A floating campsite is being developed in the United Arab Emirates.

True ☐ False ☐

8 About how many one-horned rhinos live in Assam, India?

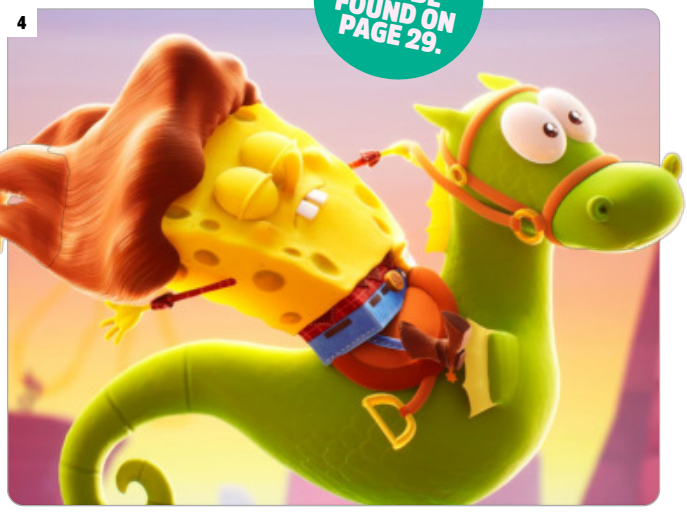
5

12



ANSWERS CAN BE FOUND ON PAGE 29.

4



9

8

9 What was the name of the first modern sled, patented in 1889?

a) Snow Shredder b) Flexible Flyer

c) Downhill Dasher

a ☐ b ☐ c ☐

10 True or false? Deep underwater, sea stars are at the top of the food chain.

True ☐ False ☐

11 What genre combines elements of fantasy and science fiction with the culture and history of Africa and Africans?

12 What is author and Chicago Cubs pitcher Marcus Stroman's favorite kind of pitch to throw?

a) A curveball b) A fastball c) A sinker

a ☐ b ☐ c ☐

13 True or false? The indigo bunting bird species prefers habitats with tall trees.

True ☐ False ☐

14 Crystalyne Curley was elected the first female speaker of what Native American tribal government?

a) Cherokee Nation b) Navajo Nation

c) Great Sioux Nation

a ☐ b ☐ c ☐

15 What is the name of the mischievous duck in the UK who escapes from his pen and likes to drink tea?

GETTY IMAGES (4); NICKELODEON

THE WEEK Junior

Editor-in-chief: Andrea Barbalich
Executive editor: Mindy Walker
Senior editors: Gail O'Connor, Jennifer Li Shotz
Features editor: Joey Bartolomeo
Senior research editor: Douglas Grant
Senior staff writer: Alisa Partlan
Staff writer: Felissa Allard
Associate editors: Brielle Diskin, Brandon Wiggins
Creative director: Dean Abatemarco
Production director: Paul Kramer
Senior art director: Victoria Beall
Photo editor: Nataki Hewling

Contributors: Stephanie Abramson, Lily Alt, Karen Cicero, Erica Clark, Stacy Cousino, Susie Dent, Truman Devitt, Dave Howard, Joy Howard, Jodi Levine, Ruth Margolis, Bari Nan Cohen Rothchild, Melisa Russo, Liz Callahan Schnabolk, Asha Sridhar, Jordan Zakarin
Senior VP: Sophie Wybrew-Bond
Managing director, news: Richard Campbell
Brand director, news: Sabine Bullmore
VP, consumer marketing: Nina La France
Consumer marketing director: Leslie Guarnieri
Head of growth marketing: Colleen Shire Ho
Group publisher: Paul Vizza (*paul.vizza@futurenet.com*)
Account director: Mary Gallagher (*mary.gallagher@futurenet.com*)
US manufacturing and distribution manager: Lori Crook

Reader submissions: *hello@theweekjunior.com*
Customer service: *TWJcustserv@cdsfulfillment.com*
Editorial news: *news@theweekjunior.com*
New subscriptions: theweekjunior.com
©2023. All rights reserved. *The Week* and *The Week Junior* are registered trademarks. Neither the whole of this publication nor any part of it may be reproduced, stored in a retrieval system, or transmitted in any form or by any means without the written permission of the publishers.
The Week Junior (ISSN 2689-9027) is published weekly, except January 6, January 13, July 7, and September 15. *The Week Junior* is published by Future US LLC, 130 West 42nd Street, 7th Floor, New York, NY 10036. Periodicals postage paid at New York, NY, and at additional mailing offices. POSTMASTERS: Send change of address to *The Week Junior*, PO Box 37595, Boone, IA 50037-7595.

FUTURE
Connectors. Creators. Experience Makers.

Future plc is a public company quoted on the London Stock Exchange (symbol: FUTR)
www.futureplc.com

Chief Executive **Zillah Byng-Thorne**
Non-Executive Chairman **Richard Huntingford**
Chief Financial and Strategy Officer **Penny Ladkin-Brand**

Tel +44 (0)1225 442 244

THE WEEK Junior
SCIENCE + ANIMALS + PUZZLES + PEOPLE + APPS + PHOTOS + BOOKS + SPORTS + EATING INSECTS
THE WORLD'S BEST NEWS & FACTS FOR YOUNG PEOPLE
ANCIENT
Discover the marvel and mystery of the
Discover the fascinating, fun-filled history of...
VIDEO
Kicking off a global climate conference
COP27
New stamp to honor a justice
A voice for mental health
Big wins at the World Games
Success story for cheetahs
Is winter weather better?
US Congress tackles high priorities
Making sense of the world
SPECTACULAR!
NASA releases the first images from the James Webb Space Telescope p3
THE BEST MAGAZINE for CURIOUS KIDS
Give

THE WEEK Junior

SAVE 66%

Loved by kids, trusted by adults, enjoyed by all.

It's amazing what happens when you open the world to young minds—how it inspires imaginations and unleashes creativity. With a wide range of news stories on a variety of topics, there's something in each issue to delight and inspire every child.

Give 25 weeks of The Week Junior to a child you love.

Order online today and get a free gift. Visit theweekjunior.com/heart

SCAN TO ORDER

ADVERTISEMENT

CHA-CHING!

Learn EVERYTHING ABOUT MONEY

grown-ups wish they knew when they were kids, including how to *MAKE IT, SAVE IT,* and *MULTIPLY IT.*

AVAILABLE WHEREVER BOOKS ARE SOLD

Discover more at natgeokids.com

NATIONAL GEOGRAPHIC KIDS

© 2023 National Geographic Partners, LLC